

Α

| PRODUCT NUMBER | DESCRIPTION | PLATING IN PRESS FIT<br>TAIL AREA | PERFORMANCE LEVEL OF PLATING IN CONTACT AREA        |
|----------------|-------------|-----------------------------------|---|
| 55422-NIYY     | STANDARD    | TIN LEAD                          | TELCORDIA CO (NXT)                                  |
| 55422-N5YY     | STANDARD    | TIN LEAD                          | TECORDIA UE (NXT)                                   |
| 55422-IYY      | STANDARD    | TIN LEAD                          | TELCORDIA CO  |
| 55422-2YY      | STANDARD    | TIN LEAD                          | TELECOM CLASS                                       |
| 55422-3YY      | STANDARD    | TIN LEAD                          | IEC CLASS I   |
| 55422-5YY      | STANDARD    | TIN LEAD                          | TELCORDIA UE  |
| 55422-9YY      | STANDARD    | TIN LEAD                          | TELCORDIA CO  |
| 55422-NIYYLF   | LEAD FREE   | TIN                               | TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES 9 AND IO |
| 55422-N5YYLF   | LEAD FREE   | TIN                               | TECORDIA UE (NXT) SEE NOTES 9 AND 10                |
| 55422-IYYLF    | LEAD FREE   | TIN                               | TELCORDIA CO, IEC CLASS I, SEE NOTES 9 AND 10       |
| 55422-2YYLF    | LEAD FREE   | TIN                               | TELECOM CLASS, SEE NOTES 9 AND 10                   |
| 55422-5YYLF    | LEAD FREE   | TIN                               | TELCORDIA UE, SEE NOTES 9 AND 10                    |

- I. FOR DIM A AND B SEE SHEET 2 AND UP.
- 2. BODY MATERIAL: LIQUID CRYSTAL POLYMER 30 % GLASS.
  - FLAME RETARDANT ACC. UL 94-VO.
- 3. PIN MATERIAL:
  - PHOSPHOR BRONZE.
- 4. PLATING ON PRESS-FIT TAIL AREA SEE PRODUCT NUMBER TABLE. PLATING ONCONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE ON SHEET2.

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- 5. PRODUCT MARKING:
  - PART NUMBER DESIGNATION & BATCH I.D.
- 6. ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES. IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER.
- EXAMPLE: XXXXX-XXXP OR XXXXX-XXXPLF
- 7. PRODUCT SPECIFICATION:
  - GS-12-180 APPLICATION SPECIFICATION:
  - BUS-20-073
- (8.) AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- 9. THE PRODUCTS WHERE THE PART NUMBERS ENDS IN ) LF MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-12-008.
- IO. ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING 55422-NI--- OR 55422-N5--- WILL WITHSTAND EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN PART NUMBERS 55422-NI--- AND 55422-N5--- WILL NOT WITHSTAND REFLOW AND THE AU CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140 DEGREES C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

| mat 'I | code |        |     |    |     |                          |       | nces u<br>ise spe |       |      | CU     | STOM       | IE R |         | F       | Sj         |       |     |        |            |     |
|--------|------|--------|-----|----|-----|--------------------------|-------|-------------------|-------|------|--------|------------|------|---------|---------|------------|-------|-----|--------|------------|-----|
| Itr    | ecn  | no.    | dr  | do | ite |                          |       | 0.X ±             | 0.3   |      | 1      | COPY       |      |         |         | 4          |       | ww  | w.fcic | onnect.    | com |
| J      |      |        |     |    |     | linear                   |       | 0.XX ±            | -0.13 |      | projec | tion       |      | title N | AF TE   | ΔΙ         | SIG   | ΝΔΙ | HF.    | <u>anf</u> | ₹   |
|        |      |        |     |    |     | .XXX ±.051 angles 0° ±2° |       |                   |       |      |        | 7 -        | 1    |         |         |            |       |     |        |            |     |
|        |      |        |     |    |     | angles                   |       | 0° ±              | -2°   |      | 7      | ケモ         | 7    | 4       | MOL     | ), 4       | I RO  | W P | ц Е Э  | 3-11       | 1 1 |
|        |      |        |     |    |     | dr                       | D.MCC | ASLAND            | 05/1  | 7/00 |        | MM         |      | produ   | ict fam | nily       |       | MET | RAL    | code       |     |
|        |      |        |     |    |     | engr                     | M.STR | AWSER             | 1171  | 9/99 | -      | 1 V 11 V 1 | -    | size    | dwg     | no         |       |     |        | 2          | 10  |
|        |      |        |     |    |     | chr                      | M.STR | AWSER             | 1171  | 9/99 | scale  |            |      | _ \     |         | 5          | 547   | ) ) |        | she        | et  |
|        |      |        |     |    |     | appd                     | M.STR | AWSER             | 02/2  | 9/00 |        | 1:1        |      | А       |         | <i>J</i> 、 | J 4 L |     |        | 2          | 2   |
| sh     | eet  | revisi | ion |    |     |                          |       |                   |       |      |        |            |      |         |         |            |       |     |        |            |     |
| ind    | dex  | sheet  |     |    |     |                          |       |                   |       |      |        |            |      |         |         |            |       |     |        |            |     |
|        |      |        |     | Pi | o/E |                          |       |                   |       |      |        | 3          |      |         | cag     | e code     | , 2   | 252 | 93     |            | 4   |

STATUS: Released

Printed: May 16, 2009

В

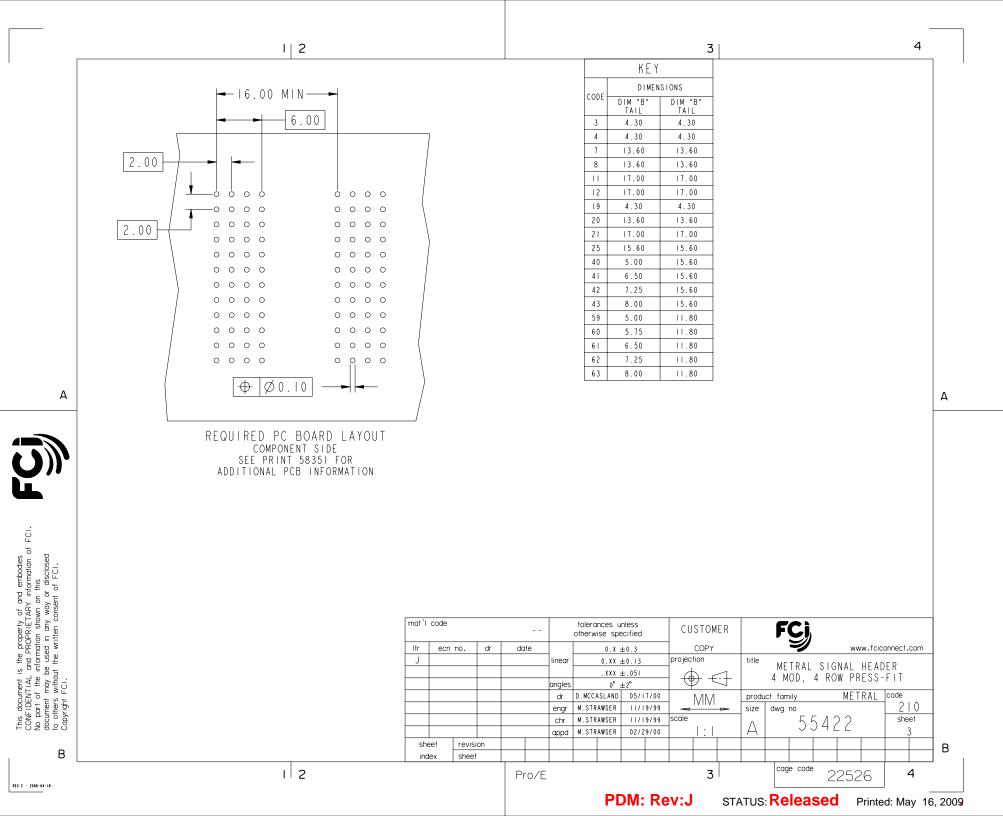
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В

REV E - 2006-04-18

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PDM: Rev:J



|    |     |   | ١  | :  | 2  |
|----|-----|---|----|----|----|
| OD | . í | 2 |    |    |    |
| 9  | 10  | П | 12 | 13 | 14 |
| _  | _   | _ | 1  | 1  | _  |

| METRAL             |     | CONTACT CODE MOD. 2 MOD. 3 |     |     |    |     |    |    |    |     |    |    | 1  | MOD | )   | 4   |    |    |    |    |    |     |     |    |    |
|--------------------|-----|----------------------------|-----|-----|----|-----|----|----|----|-----|----|----|----|-----|-----|-----|----|----|----|----|----|-----|-----|----|----|
| P/N                | ROW | T                          | 2   | 3   | 4  | 5   | 6  | 7  | 8  | 9   | 10 | 11 | 12 | 13  | ۱4  | 15  | 16 | 17 | 18 | 19 | 20 | 21  | 22  | 23 | 24 |
|                    | D   | 3                          | 3   | 3   | 3  | 3   | 3  | 3  | 3  | 3   | 3  | 3  | 3  | 3   | 3   | 3   | 3  | 3  | 3  | 3  | 3  | 3   | 3   | 3  | 3  |
| 55422-X01          | С   | 4                          | 4   | 4   | 4  | 4   | 4  | 4  | 4  | 4   | 4  | 4  | 4  | 4   | 4   | 4   | 4  | 4  | 4  | 4  | 4  | 4   | 4   | 4  | 4  |
| AND<br>55422-X01LF | В   | 19                         | 19  | 19  | 19 | 19  | 19 | 19 | 19 | 19  | 19 | 19 | 19 | 19  | 19  | 19  | 19 | 19 | 19 | 19 | 19 | 19  | 19  | 19 | 19 |
|                    | A   | 19                         | 19  | 19  | 19 | 19  | 19 | 19 | 19 | 19  | 19 | 19 | 19 | 19  | 19  | 19  | 19 | 19 | 19 | 19 | 19 | 19  | 19  | 19 | 19 |
|                    |     |                            |     |     |    |     |    |    |    |     |    |    |    |     |     |     |    |    |    |    |    |     |     |    |    |
| METON              |     | C                          | ON: | TAC |    | COD | Ε  |    | 1  | MOD |    | 2  |    |     | - 1 | MOD |    | 3  |    |    | 1  | MOD | ) . | 4  |    |

| METRAL           |     | С  | ON. | TAC<br>MOD |    | COD | E  |    | ١  | MOD | . 7 | 2  |    |    | ١  | MOD | . : | 3  |    |    | N  | 4OD | ١. ٠ | 4  |    |
|------------------|-----|----|-----|------------|----|-----|----|----|----|-----|-----|----|----|----|----|-----|-----|----|----|----|----|-----|------|----|----|
| P/N              | ROW | 1  | 2   | 3          | 4  | 5   | 6  | 7  | 8  | 9   | 10  | П  | 12 | 13 | ۱4 | 15  | 16  | 17 | 18 | ۱9 | 20 | 21  | 22   | 23 | 24 |
|                  | D   | 3  | 3   | 3          | 3  | 3   | 3  | 3  | 3  | 3   | 3   | 3  | 3  | 3  | 3  | 3   | 3   | 3  | 3  | 3  | 3  | 3   | 3    | 3  | 3  |
| 55422-X02<br>AND | С   | 3  | 3   | 3          | 3  | 3   | 3  | 3  | 3  | 3   | 3   | 3  | 3  | 3  | 3  | 3   | 3   | 3  | 3  | 3  | 3  | 3   | 3    | 3  | 3  |
| 55422-X02LF      | В   | 19 | 19  | ۱9         | 19 | 19  | 19 | 19 | 19 | 19  | 19  | 19 | ۱9 | 19 | 19 | 19  | 19  | 19 | 19 | ۱9 | 19 | 19  | 19   | 19 | ۱9 |
|                  | Α   | 3  | 3   | 3          | 3  | 3   | 3  | 3  | 3  | 3   | 3   | 3  | 3  | 3  | 3  | 3   | 3   | 3  | 3  | 3  | 3  | 3   | 3    | 3  | 3  |

| METRAL           |     | С  | ON | TAC |    | COD | E  |    | 1  | MOD | . i | 2  |    |    | 1  | MOD |    | 3  |    |    | ١  | 4OD |    | 4  |    |
|------------------|-----|----|----|-----|----|-----|----|----|----|-----|-----|----|----|----|----|-----|----|----|----|----|----|-----|----|----|----|
| P/N              | ROW | ī  | 2  | 3   | 4  | 5   | 6  | 7  | 8  | 9   | 10  | 11 | 12 | 13 | 4  | 15  | ۱6 | 17 | 18 | 19 | 20 | 21  | 22 | 23 | 24 |
|                  | D   | 59 | 59 | 59  | 59 | 59  | 59 | 59 | 59 | 59  | 59  | 59 | 59 | 59 | 59 | 59  | 59 | 59 | 59 | 59 | 59 | 59  | 59 | 59 | 59 |
| 55422-X03<br>AND | С   | 59 | 59 | 59  | 59 | 59  | 59 | 59 | 59 | 59  | 59  | 59 | 59 | 59 | 59 | 59  | 59 | 59 | 59 | 59 | 59 | 59  | 59 | 59 | 59 |
| 55422-X03LF      | В   | 59 | 59 | 59  | 59 | 59  | 59 | 59 | 59 | 59  | 59  | 59 | 59 | 59 | 59 | 59  | 59 | 59 | 59 | 59 | 59 | 59  | 59 | 59 | 59 |
|                  | Α   | 59 | 59 | 59  | 59 | 59  | 59 | 59 | 59 | 59  | 59  | 59 | 59 | 59 | 59 | 59  | 59 | 59 | 59 | 59 | 59 | 59  | 59 | 59 | 59 |

| METRAL           |     | С   |    | TAC<br>MOD |     | COD | E   |     | N  | 4OD | . 1 | 2   |     |    | 1  | MOD |     | 3   |     |     | N   | 4OD |     | 4   |     |
|------------------|-----|-----|----|------------|-----|-----|-----|-----|----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| P/N              | ROW | T   | 2  | 3          | 4   | 5   | 6   | 7   | 8  | 9   | 10  | П   | 12  | 13 | 4  | 15  | 16  | 17  | 18  | ۱9  | 20  | 21  | 22  | 23  | 24  |
|                  | D   | 59  | 59 | 59         | 59  | 59  | 59  | 59  | 59 | 59  | 59  | 59  | 59  | 59 | 59 | 59  | 59  | 59  | 59  | 59  | 59  | 59  | 59  | 59  | 59  |
| 55422-X04<br>AND | С   | 59  | 59 | 59         | 59  | 59  | 59  | 59  | 59 | 59  | 59  | 59  | 59  | 59 | 59 | 59  | 59  | 59  | 59  | 59  | 59  | 59  | 59  | 59  | 59  |
| 55422-X04LF      | В   | 59  | 59 | 59         | 59  | 59  | 59  | 59  | 59 | 59  | 59  | 59  | 59  | 59 | 59 | 59  | 59  | 59  | 59  | 59  | 59  | 59  | 59  | 59  | 59  |
|                  | A   | 6 I | 61 | 6 I        | 6 I | 61  | 6 I | 6 I | 61 | 6 I | 6 I | 6 I | 6 I | 61 | 61 | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 61  | 6 I | 6 I | 6 I |

|     | METRAL           |     | С   | CONTACT CODE<br>MOD. I |     |     |     |     |     | 1   | MOD | . : | 2   |     |     | 1   | MOD |     | 3   |     |     | ١   | MOD | . 4 | 4  |    |
|-----|------------------|-----|-----|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
|     | P/N              | ROW | ī   | 2                      | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | П   | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23 | 24 |
|     |                  | D   | 6 I | 61                     | 6 I | 6 I | 61  | 6 I | 6 I | 61  | 6 I | 6 I | 61  | 6 I | 61  | 6 I | 6 I | 6 I | 6 I | 61  | 6 I | 6 I | 6 I | 6 I | 61 | 61 |
|     | 55422-X05<br>AND | С   | 60  | 60                     | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60 | 60 |
|     | 55422-X05LF      | В   | 60  | 60                     | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60 | 60 |
|     |                  | A   | 6 I | 61                     | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 61 | 61 |
| - [ |                  |     |     |                        |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |

| METRAL             |     | С  | ON. | TAC<br>MOD |     | COD | E   |     | N   | 4OD | . 7 | 2   |     |     | ١   | MOD |     | 3   |     |     | 1   | MOD |     | 4   |     |
|--------------------|-----|--|-----|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| P/N                | ROW | I  | 2   | 3          | 4   | 5   | 6   | 7   | 8   | 9   | 10  | П   | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |
|                    | D   | 61   | 6 I | 6 I        | 6 I | 6 I | 6 I | 6 I | 61  | 6 I | 6 I | 6 I | 6 I | 6 I | 61  | 6 I | 61  | 6 I | 61  | 6 I | 6 I | 6 I | 6 I | 61  | 6 1 |
| 55422-X06<br>AND   | С   | 6 I  | 6 I | 6 I        | 6 I | 6 I | 6 I | 6 I | 61  | 6 I | 6 I | 61  | 6 I | 6 I | 61  | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I |
| 55422-X06LF        | В   | 6 I  | 6 I | 6 I        | 6 I | 6 I | 6 I | 61  | 6 I | 6 I | 61  | 6 I | 6 I | 6 I | 6 I | 6 I | 61  | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 1 |
|                    | Α   | 6 I  | 6 I | 6 I        | 6 I | 6 I | 6 I | 6 I | 61  | 6 I | 6 I | 6 I | 6 I | 6 I | 61  | 6 I | 61  | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 1 |
| METRAL             |     | С  | ON. | T A C      |     | COD | E   |     | N   | MOD | . 7 | 2   |     |     | 1   | MOD |     | 3   |     |     | 1   | MOD |     | 4   | _   |
| P/N                | ROW | 1  | 2   | 3          | 4   | 5   | 6   | 7   | 8   | 9   | 10  | П   | 12  | 13  | ۱4  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |
|                    | D   | 60   | 60  | 60         | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  |
| 55422-X07          | С   | 60   | 60  | 60         | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  |
| AND<br>55422-X07LF | В   | 62   | 62  | 62         | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 6.2 |
|                    | Α   | 60   | 60  | 60         | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  |
| METRAL             |     | С  | ON. | TAC<br>4OD |     | COD | E   |     | N   | MOD | . 7 | 2   |     |     | ١   | MOD |     | 3   |     |     | 1   | MOD |     | 4   |     |
| P/N                | ROW | Ι  | 2   | 3          | 4   | 5   | 6   | 7   | 8   | 9   | 10  | П   | 12  | 13  | ۱4  | 15  | 16  | ۱7  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |
|                    | D   | 61   | 6 I | 6 I        | 6 I | 6 I | 6 I | 61  | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 6 I | 61  | 6 I | 6 I | 6 I | 6 I | 6 I | 61  | 6 I | 61  |
| 55422-X08<br>AND   | С   | 62   | 62  | 62         | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 62  | 6.2 |
| 55422-X08LF        | В   | 63   | 63  | 63         | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 6.3 |
|                    | A   | 63   | 63  | 63         | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 6.3 |
| METRAL             |     | A   63 63 63 63 63 63 63 63 63 63 63 63 63 6 |     |            |     |     |     |     |     |     | 3   |     |     | 1   | MOD |     | 4   |     |     |     |     |     |     |     |     |
| P/N                | ROW | Ι  | 2   | 3          | 4   | 5   | 6   | 7   | 8   | 9   | 10  | П   | 12  | 13  | ۱4  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  |
|                    | D   | 61   | 6 I | 61         | 61  | 6 I | 61  | 61  | 6 I | 61  | 61  | 61  | 61  | 61  | 61  | 61  | 61  | 6 I | 61  | 61  | 6 I | 61  | 61  | 61  | 61  |
| 55422-X09          | С   | 61   | 61  | 61         | 61  | 6 I | 61  | 61  | 6 I | 61  | 61  | 6 I | 61  | 61  | 6 I | 61  | 61  | 6 I | 61  | 61  | 6 I | 61  | 61  | 61  | 61  |
| AND<br>55422-X09LF | В   | 63   | 63  | 63         | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 63  | 6.3 |
|                    | Α   | 61   | 6 I | 61         | 61  | 6 I | 61  | 61  | 6 I | 61  | 61  | 6 I | 61  | 61  | 6 I | 61  | 61  | 61  | 61  | 61  | 6 I | 61  | 61  | 61  | 61  |
|                    |     |  |     |            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |

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| METRAL           |     |    | MOD. I MOD. 2 MOD. 3 |    |    |    |    |    |    |    |    |    |    | 1  | MOD |    | 4  |    |    |    |    |    |    |    |  |
|------------------|-----|----|----------------------|----|----|----|----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|--|
| P/N              | ROW | 1  | 2                    | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | П  | 12 | 13 | ۱4  | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |  |
|                  | D   | 60 | 60                   | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60  | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |  |
| 55422-X10<br>AND | С   | 60 | 60                   | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60  | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |  |
| 55422-X10LF      | В   | 60 | 60                   | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60  | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |  |
|                  | Α   | 60 | 60                   | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60  | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |  |

| mat 'I | code |        |     |    |     |        |       | inces u<br>rise spe |       |      | CU     | STOM   | ER |       | F       | Cj         |       |             |        |         |     |
|--------|------|--------|-----|----|-----|--------|-------|---------------------|-------|------|--------|--------|----|-------|---------|------------|-------|-------------|--------|---------|-----|
| Itr    | ecn  | no.    | dr  | do | ite |        |       | 0.X:                | ±0.3  |      |        | COPY   |    |       |         | =          |       | ww          | w.fcic | onnect. | com |
| J      |      |        |     |    |     | linear |       | 0.XX:               | ±0.13 |      | projec | tion   | 1  | title |         |            |       | NAL<br>W PR |        |         |     |
|        |      |        |     |    |     | angles |       | 0° :                | ±2°   |      | 7      | ナモ     | J  |       | 4 [1]   | Oυ,        | 4 NC  | AW ED       | ESS-   | FII     |     |
|        |      |        |     |    |     | dr     | D.MCC | ASLAND              | 05/1  | 7/00 |        | MM     |    | produ | ict fam | nily       |       | MET         | RAL    | code    |     |
|        |      |        |     |    |     | engr   | M.STR | AWSER               | 1171  | 9/99 | -      | IVIIVI | -  | size  | dwg     | no         |       |             |        | 2       | 10  |
|        |      |        |     |    |     | chr    | M.STR | AWSER               | 1171  | 9/99 | scale  |        |    | 1 ^   |         | 5          | 547   | 22          |        | she     | et  |
|        |      |        |     |    |     | appd   | M.STR | AWSER               | 02/2  | 9/00 | 1      | 1:1    |    | A     |         | <i>J</i> , | J 4 L |             |        |         | 4   |
| she    | eet  | revisi | ion |    |     |        |       |                     |       |      |        |        |    |       |         |            |       |             |        |         |     |
| ind    | iex  | sheet  |     |    |     |        |       |                     |       |      |        |        |    |       |         |            |       |             |        |         |     |
|        |      |        |     | Pr | o/E |        |       |                     |       |      |        | 3      |    |       | cag     | e code     | , 2   | 252         | 26     |         | 4   |

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Pro/E PDM: Rev:J

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22526

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REV E - 2006-04-18

| C | T ( | COD | E |   | M | ИOD | . î |
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AND

MOD. 3 MOD. 4 METRAL MO 1 2 3 11 12 13 14 15 16 17 18 19 20 21 22 23 24 ROW 55422-XII 55422-XIILF 

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CONTACT CODE MOD. 2 MOD. 3 MOD. 4 METRAL MOD. P/N 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 55422-X12 

AND 55422-X12LF В CONTACT CODE MOD. I MOD. 2 MOD. 3 MOD. 4

METRAL P/N 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 55422-XI3 AND 55422-XI3LF В 

CONTACT CODE MOD. 2 MOD. 3 MOD. 4 METRAL P/N MOD 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 ROW 55422-XI4 C В 55422-X14LF 

| I | METRAL           |     | CONTACT CODE<br>MOD. I |    |    |    |    |    |    | 1  | MOD | . : | 2  |    |    | MOD. 3 MOD |    |    |    |     |    | D. 4 |    |    |    |    |
|---|------------------|-----|------------------------|----|----|----|----|----|----|----|-----|-----|----|----|----|------------|----|----|----|-----|----|------|----|----|----|----|
| I | P/N              | ROW | T                      | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9   | 10  | П  | 12 | 13 | 14         | 15 | 16 | 17 | 18  | 19 | 20   | 21 | 22 | 23 | 24 |
| I |                  | D   | 41                     | 41 | 4  | 41 | 41 | 41 | 41 | 41 | 4   | 41  | 41 | 41 | 41 | 41         | 41 | 41 | 41 | 4   | 41 | 41   | 4  | 4  | 41 | 41 |
| I | 55422-X15<br>AND | С   | 25                     | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25  | 25  | 25 | 25 | 25 | 25         | 25 | 25 | 25 | 25  | 25 | 25   | 25 | 25 | 25 | 25 |
| I | 55422-X15LF      | В   | 25                     | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25  | 25  | 25 | 25 | 25 | 25         | 25 | 25 | 25 | 25  | 25 | 25   | 25 | 25 | 25 | 25 |
| I |                  | A   | 41                     | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41  | 41  | 41 | 41 | 41 | 41         | 41 | 41 | 41 | 4 1 | 41 | 41   | 41 | 41 | 41 | 41 |

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CONTACT CODE

| METRAL                          |     | ľ  | ) N | 4OD |    |    | _  | MOD. 2 |    |    |    |    |    |    | MOD. 3 |    |    |    |    |    | MOD. 4 |    |    |    |   |  |
|---------------------------------|-----|----|-----|-----|----|----|----|--------|----|----|----|----|----|----|--------|----|----|----|----|----|--------|----|----|----|---|--|
| P/N                             | ROW | Ι  | 2   | 3   | 4  | 5  | 6  | 7      | 8  | 9  | 10 | П  | 12 | 13 | ۱4     | 15 | ۱6 | 17 | 18 | 19 | 20     | 21 | 22 | 23 | 1 |  |
|                                 | D   | 42 | 42  | 42  | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | ľ |  |
| 55422-X20<br>AND<br>55422-X20LF | С   | 42 | 42  | 42  | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 4 |  |
|                                 | В   | 42 | 42  | 42  | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 4 |  |
|                                 | Α   | 42 | 42  | 42  | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 4 |  |

| mat ' | 'I code |                 |       |  |     | tolerances unless otherwise specified |                           |       |                        |       |        | STOM | IE R         |       | F    | Sj    |         |          |           |     |     |      |  |
|-------|---------|-----------------|-------|--|-----|---------------------------------------|---------------------------|-------|------------------------|-------|--------|------|--------------|-------|------|-------|---------|----------|-----------|-----|-----|------|--|
| Itr   | ecn     | ecn no. dr date |       |  |     |                                       |                           | 0.X:  | ±0.3                   |       | 1      | COPY |              |       |      | =     |         | ww       | onnect.   | com |     |      |  |
| J     |         |                 |       |  |     | linear                                | 0.XX ±0.13                |       |                        |       | projec | tion |              | title | МЕ   | TDAI  | SIC     | NI A I   | AL HEADER |     |     |      |  |
|       |         |                 |       |  |     |                                       | .XXX ±.051                |       |                        |       |        | 7 -  | 1            |       |      |       | 4 RO    |          |           |     |     |      |  |
|       |         |                 |       |  |     | angles                                |                           | 0° :  | 0° ±2°<br>AND 05/17/00 |       | 7      | ケト   | $\Box$       |       | 4 14 | OD,   | 4 110   | 111 1 11 | LJJ       |     |     |      |  |
|       |         |                 |       |  |     | dr                                    | D.MCCASLAND<br>M.STRAWSER |       |                        |       |        |      |              | MM    |      | produ | ict fam | ily      |           | MET | RAL | code |  |
|       |         |                 |       |  |     | engr                                  |                           |       | - 101101               |       |        |      | <del>-</del> | size  | dwg  | no    |         |          |           | 2   | 10  |      |  |
|       |         |                 |       |  | chr | M.STR                                 | AWSER                     | ER    |                        | scale |        |      | ] _          | 5542  |      |       |         |          | she       | et  |     |      |  |
|       |         |                 |       |  |     | appd                                  | M.STR                     | AWSER | 02/2                   | 9/00  |        | 1:1  |              | A     |      |       | J 4 L   |          |           |     | 5   |      |  |
| S     | heet    | revis           | ision |  |     |                                       |                           |       |                        |       |        |      |              |       |      |       |         |          |           |     |     |      |  |
| ir    | ndex    | sheet           |       |  |     |                                       |                           |       |                        |       |        |      |              |       |      |       |         |          |           |     |     |      |  |
|       |         |                 |       |  |     |                                       |                           |       |                        |       |        |      |              |       |      |       |         |          |           |     |     |      |  |

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| METRAL             |          | MOD. I                 |     |     |     |        |     |    | ١  | 4OD           | . 7     | 2           |    |         | N        | 4OD | . :     | 3  |         |    | N   | 4OD |    | 1        |     |  |  |  |  |  |  |
|--------------------|----------|------------------------|-----|-----|-----|--------|-----|----|----|---------------|---------|-------------|----|---------|----------|-----|---------|----|---------|----|---|-----|----|----------|-----|--|--|--|--|--|--|
| P/N                | ROW      | Т                      | 2   | 3   | 4   | 5      | 6   | 7  | 8  | 9             | 10      | П           | 12 | 13      | 14       | 15  | 16      | 17 | 18      | 19 | 20  | 21  | 22 | 23       | 24  |  |  |  |  |  |  |
|                    | D        | 43                     | 43  | 43  | 43  | 43     | 43  | 43 | 43 | 43            | 43      | 43          | 43 | 43      | 43       | 43  | 43      | 43 | 43      | 43 | 43  | 43  | 43 | 43       | 43  |  |  |  |  |  |  |
| 55422-X21          | С        | 43                     | 43  | 43  | 43  | 43     | 43  | 43 | 43 | 43            | 43      | 43          | 43 | 43      | 43       | 43  | 43      | 43 | 43      | 43 | 43  | 43  | 43 | 43       | 43  |  |  |  |  |  |  |
| 55422-X21LF        | В        | 43                     | 43  | 43  | 43  | 43     | 43  | 43 | 43 | 43            | 43      | 43          | 43 | 43      | 43       | 43  | 43      | 43 | 43      | 43 | 43  | 43  | 43 | 43       | 43  |  |  |  |  |  |  |
|                    | Α        | 43                     | 43  | 43  | 43  | 43     | 43  | 43 | 43 | 43            | 43      | 43          | 43 | 43      | 43       | 43  | 43      | 43 | 43      | 43 | 43  | 43  | 43 | 43       | 43  |  |  |  |  |  |  |
| METRAL             |          | С                      | ON. | TAC |     |        | E   |    | 1  | 4OD           | . 7     | 2           |    |         | 1        | 4OD |         | 3  |         |    | 1   | 4OD |    | 4        |     |  |  |  |  |  |  |
| P/N                | ROW      | H                      | 2   | 3   | 4   | 5      | 6   | 7  | 8  | 9             | 10      | 11          | 12 | 13      | 14       | 15  | 16      | 17 | 18      | 19 | 20  | 21  | 22 | 23       | 24  |  |  |  |  |  |  |
|                    | D        | 11                     | 11  | 11  | 11  | 11     | 11  | 11 | 11 | 11            | 11      | 11          | 11 | 11      | 11       | 11  | 11      | 11 | 11      | 11 | 11  | 11  | 11 | 11       | 11  |  |  |  |  |  |  |
| 55422-X22          | С        | 12                     | 12  | 12  | 12  | 12     | 12  | 12 | 12 | 12            | 12      | 12          | 12 | 12      | 12       | 12  | 12      | 12 | 12      | 12 | 12  | 12  | 12 | 12       | 12  |  |  |  |  |  |  |
| AND<br>55422-X22LF | В        | 21                     | 21  | 21  | 21  | 21     | 21  | 21 | 21 | 21            | 21      | 21          | 21 | 21      | 21       | 21  | 21      | 21 | 21      | 21 | 21  | 21  | 21 | 21       | 21  |  |  |  |  |  |  |
|                    | Α        | 21                     | 21  | 21  | 21  | 21     | 21  | 21 | 21 | 21            | 21      | 21          | 21 | 21      | 21       | 21  | 21      | 21 | 21      | 21 | 21  | 21  | 21 | 21       | 21  |  |  |  |  |  |  |
| METDAL             |          | CONTACT CODE<br>MOD. I |     |     |     |        |     |    |    | 4OD           | . 7     | <del></del> | _  |         |          | 4OD |         | 3  |         |    | MOD . 4 20 21 22 21 11 11 11 11 11 11 11 11 11 11 |     |    |          | =   |  |  |  |  |  |  |
| METRAL<br>P/N      | ROW      | H                      | 2   | 3   | . 4 | 5      | 6   | 7  | 8  | 9             | 10      | -<br>       | 12 | 13      |          | 15  |         | 17 | 18      | 19 |   |     |    | 23       | 24  |  |  |  |  |  |  |
|                    | D.       | <u> </u>               | 11  | I I | H.  | Ĭ      | i i | 11 | Ĭ  | Ť             | 11      | 11          | 11 | 11      | 11       | 11  | 11      | 11 | 11      | 11 | -   | _   | -  | 11       |     |  |  |  |  |  |  |
| 55422-X23          | c        | 11                     | 11  | 11  | 11  | 11     | 11  | 11 | 11 | 11            | 11      | 11          | 11 | 11      | 11       | 11  | 11      | 11 | 11      | 11 | 11  | 11  | 11 | 11       | Ī   |  |  |  |  |  |  |
| AND<br>55422-X23LF | В        | 21                     | 21  | 21  | 21  | 21     | 21  | 21 | 21 | 21            | 21      | 21          | 21 | 21      | 21       | 21  | 21      | 21 | 21      | 21 | 21  | 21  | 21 | 21       | 21  |  |  |  |  |  |  |
|                    | A        | 11                     | 11  | П   | 11  | 11     | П   | 11 | 11 | П             | 11      | 11          | П  | 11      | 11       | 11  | 11      | 11 | 11      | П  | 11  | 11  | 11 | П        | 11  |  |  |  |  |  |  |
|                    |          | CONTACT C              |     |     |     |        | F   |    | _  | MOD. 2 MOD. 3 |         |             |    |         |          |     |         | _  |         |    | _   |     |    |          |     |  |  |  |  |  |  |
| METRAL<br>P/N      |          | MOD. I                 |     |     |     |        | _   |    |    |               |         |             |    |         |          |     |         | _  |         |    |   |     |    |          |     |  |  |  |  |  |  |
| 171                | ROW      | 1                      | 2   | 3   | 4   | 5      | 6   | 7  | 8  | 9             | 10      | -           | 12 | 13      | -        | 15  | -       | 17 | 18      | -  | -   | _   | -  |          |     |  |  |  |  |  |  |
|                    | D        | 7                      | 7   | 7   | 7   | 7      | 7   | 7  | 7  | 7             | 7       | 7           | 7  | 7       | 7        | 7   | 7       | 7  | 7       | 7  | -   | _   | _  | 7        |     |  |  |  |  |  |  |
| 55422-X24<br>AND   | С        | 8                      | 8   | 8   | 8   | 8      | 8   | 8  | 8  | 8             | 8       | 8           | 8  | 8       | 8        | 8   | 8       | 8  | 8       | 8  | <u> </u>  | Ť   | ř  | 8        | -   |  |  |  |  |  |  |
| 55422-X24LF        | В        | 20                     | 20  |     | 20  |        | 20  | 20 |    |               | 20      | _           |    | -       | -        |     | -       | -  | 20      |    | -   |     | -  | $\vdash$ |     |  |  |  |  |  |  |
|                    | A        | 20                     | 20  | 20  | 20  | 20     | 20  | 20 | 20 | 20            | 20      | 20          | 20 | 20      | 20       | 20  | 20      | 20 | 20      | 20 | 20  | 20  | 20 | 20       | 20  |  |  |  |  |  |  |
|                    |          | С                      | ON. | TAC | T ( | COD    | E   |    |    | 4OD           |         |             |    |         |          | 100 |         | ,  |         |    |   | 100 |    |          | _   |  |  |  |  |  |  |
| METRAL<br>P/N      | D 0 W    | ļ.                     | _   | MOD | Ė   | ٦      | _   | ,  |    |               | _       | _           |    |         | _        | 4OD |         | _  |         |    | _   |     |    |          | 2.4 |  |  |  |  |  |  |
|                    | ROW<br>D | 7                      | 7   | 7   | 7   | 5<br>7 | 7   | 7  | 8  | 7             | 10<br>7 | 7           | 7  | 13<br>7 | 7        | 7   | 16<br>7 | 7  | 18<br>7 | 7  | 20<br>7   | 7   | 7  | 23<br>7  | 7   |  |  |  |  |  |  |
| 55422-X25          | С        | 7                      | 7   | 7   | 7   | 7      | 7   | 7  | 7  | 7             | 7       | 7           | 7  | 7       | 7        | 7   | 7       | 7  | 7       | 7  | 7   | 7   | 7  | 7        | 7   |  |  |  |  |  |  |
| AND                | В        | 20                     | 20  | _   | 20  |        | 20  | -  | 20 | _             | 20      | <u> </u>    |    | 20      | <u> </u> | 20  | Ė       | 20 | 20      | _  | 20  | _   | Ė  | _        | 20  |  |  |  |  |  |  |
| 55422-X25LF        | _ A      | 7                      | 7   | 7   | 7   | 7      | 7   | 7  | 7  | 7             | 7       | 7           | 7  | 7       | 7        | 7   | 7       | 7  | 7       | 7  | 7   | 7   | 7  | 7        | 7   |  |  |  |  |  |  |

| mat 'I | code                       |     |    |    |     | tolerances unless otherwise specified |            |         |           |      |        | STOM   | 1E R       |       | F      | Cì.    |       |       |        |         |     |
|--------|----------------------------|-----|----|----|-----|---------------------------------------|------------|---------|-----------|------|--------|--------|------------|-------|--------|--------|-------|-------|--------|---------|-----|
| ltr    | ecn                        | no. | dr | do | ite |                                       | OIIICI W   | 0.X:    |           |      | COPY   |        |            |       |        | Sj     |       | ww    | w.fcic | onnect. | com |
| J      |                            |     |    |    |     | linear                                |            |         | ±0.13     |      | projec | tion   |            | title | ME     | TRAL   | SIG   | ER    |        |         |     |
|        |                            |     |    |    |     | angles                                |            | . XXX : |           |      | -{     | ) (    | $\bigcirc$ |       | 4 M    | OD,    | 4 RC  | )W PR | ESS-   | FIT     |     |
|        |                            |     |    |    |     | dr                                    | D.MCC      | ASLAND  | ND 05/17/ |      |        | MM     |            | produ | ct fam | nily   |       | MET   | RAL    | code    |     |
|        |                            |     |    |    |     | engr                                  | M.STRAWSER |         | 1171      | 9/99 | -      | IVIIVI | -          | size  | dwg    | no     |       |       |        | 21      | 0   |
|        |                            |     |    |    |     | chr                                   | M.STR      | AWSER   | 1171      | 9/99 | scale  |        |            | _ \   |        | 5      | 547   | 22    |        | she     | et  |
|        |                            |     |    |    |     | appd                                  | M.STR      | AWSER   | 02/2      | 9/00 | 1      | +:+    |            | A     |        | J.     | J 4 L |       |        | 6       | ,   |
| sh     | sheet revision index sheet |     |    |    |     |                                       |            |         |           |      |        |        |            |       |        |        |       |       |        |         |     |
| in     |                            |     |    |    |     |                                       |            |         |           |      |        |        |            |       |        |        |       |       |        |         |     |
| Pro/I  |                            |     |    |    |     |                                       |            |         |           |      |        | 3      |            |       | cag    | e code | , 2   | 252   | 26     | 2       | 4   |

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